

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	256	(rack or shel\$6) (location or position) (component or device or server) relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 10:57
L2	2	(rack or shel\$6) (location or position) (component or device) with server relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 10:57
L3	0	700/214-225.ccls. and (rack or shel\$6) (location or position) server relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 10:58
L4	2	700/214-225.ccls. and (rack or shel\$6) (location or position) relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 12:45
L5	31	700/214-225.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 12:51
L6	26	700/214-225.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 13:14
L7	67	340/635,654,687,691.1,691.6,693.9, 815.45.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 13:29
L8	40	361/733,760,778-779,803.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 13:31

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	256	(rack or shel\$6) (location or position) (component or device or server) relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 10:57
L2	2	(rack or shel\$6) (location or position) (component or device) with server relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 10:57
L3	0	700/214-225.ccls. and (rack or shel\$6) (location or position) server relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 10:58
L4	2	700/214-225.ccls. and (rack or shel\$6) (location or position) relation\$4 indicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 12:45
L5	31	700/214-225.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 12:51
L6	26	700/214-225.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 14:31
L7	67	340/635,654,687,691.1,691.6,693.9, 815.45.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 13:29
L8	40	361/733,760,778-779,803.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 13:34

## EAST Search History

L9	2	("5483229").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 13:34
L10	17	("4401351"   "4511950"   "4679121"   "4872212"   "5103378"   "5253140").PN. OR ("5483229"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 14:30
L11	647	"439"/\$.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/01 14:32
L12	338	"439"/\$.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near25 (relation\$4 or correspond\$6 or connect\$4) near25 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/01 14:34
L13	280	"439"/\$.ccls. and (rack or shel\$6 or cabinet or chassis or slot) (device or apparatus\$3 or card or module or board or PCB or unit or component or server) near15 (relation\$4 or correspond\$6 or connect\$4) near15 (indicat\$4 or display\$4 or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/01 14:35

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	2765	(led\$1 or diode\$1 or light\$1 of display\$4 or indicator\$) near10 (indicat\$4 or display\$4 or show\$4) near8 (interconnect\$4 or inter-connect\$4) near18 (modul\$2 or device or apparatus\$2 or component\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:29
L15	992	(led\$1 or diode\$1 or light\$1 or indicator\$) near10 (indicat\$4 or display\$4 or show\$4) near8 (interconnect\$4 or inter-connect\$4) near18 (modul\$2 or device or apparatus\$2 or component\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:30
L16	1	15 and 361/728.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:29
L17	19891	(led\$1 or diode\$1 or light\$1 or indicator\$) near10 (indicat\$4 or display\$4 or show\$4) near8 (interconnect\$4 or inter-connect\$4 or connect\$4) near18 (modul\$2 or device or apparatus\$2 or component\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:31
L18	227660	(led\$1 or diode\$1 or light\$1 or indicator\$ or display\$4) near10 (interconnect\$4 or inter-connect\$4 or connect\$4) near18 (modul\$2 or device or apparatus\$2 or component\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:31
L19	69	18 and 361/728.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:33
L20	32650	18 and (stack\$4 or shel\$5 or rack\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:33
L21	62089	18 and (stack\$4 or shel\$5 or rack\$4 or aperture or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:33
L22	13038	18 and (stack\$4 or shel\$5 or rack\$4 or aperture or slot) near8 (indicat\$4 or display\$4 or led)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:35

## EAST Search History

L23	2	("5253140").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 17:35
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## EAST Search History

L32	1504	(led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:14
L33	2909	(led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 14:14
L34	7	(rack\$1 or chassis or shelf) same (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:17
L35	78	(rack\$1 or chassis or shelf) and (led\$1 or diode\$1 or light\$1 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1) not 34	USPAT	OR	ON	2007/05/01 14:19
L36	71	(32 33 35) and (439/488-491.ccls. or 361/600-733.ccls. or 361/778-803.ccls.)	US-PGPUB; USPAT	OR	ON	2007/05/01 14:21
L37	4	36 and "340"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/01 14:32
L38	8	("4271455").URPN.	USPAT	OR	OFF	2007/05/01 14:23
L39	137	33 and "340"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/01 14:33
L40	1	39 and connection\$1 near3 status	US-PGPUB; USPAT	OR	ON	2007/05/01 14:35
L41	19	33 and connection\$1 near3 status	US-PGPUB; USPAT	OR	ON	2007/05/01 14:35

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	lee near3 benjamin.xa,xp. and connect\$4 same indicat\$4.ti,ab. and switch\$4	USPAT	OR	OFF	2007/05/01 12:15
L2	189	lee near3 benjamin.xa,xp. and led	USPAT	OR	OFF	2007/05/01 12:16
L3	4	lee near3 benjamin.xa,xp. and led and 340/815.45.ccls.	USPAT	OR	OFF	2007/05/01 12:16
L4	0	lee near3 benjamin.xa,xp. and 340/815.45.ccls. not 3	USPAT	OR	OFF	2007/05/01 12:16
L5	244	lee near3 benjamin.xa,xp. and (connect\$4 or switch\$4).ab.	USPAT	OR	OFF	2007/05/01 12:17
L6	70	5 and diode\$1	USPAT	OR	OFF	2007/05/01 12:17
L7	46	5 and light\$5 near5 diode\$1	USPAT	OR	OFF	2007/05/01 12:18
L8	198	5 not 7	USPAT	OR	OFF	2007/05/01 12:18
L9	11	("5483229").URPN.	USPAT	OR	OFF	2007/05/01 13:00
L10	0	"6850415".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$)	USPAT	OR	OFF	2007/05/01 13:01
L11	6	("4401351"   "4511950"   "4679121"   "4872212"   "5103378"   "5253140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:00
L12	1	"5253140".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$ or display\$4)	USPAT	OR	OFF	2007/05/01 13:06
L13	7	("3992654"   "4070081"   "4151580"   "4197572"   "4692842"   "4920453"   "5043847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:05
L14	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4)	USPAT	OR	OFF	2007/05/01 13:15
L15	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L16	739	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L17	225	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1)	USPAT	OR	ON	2007/05/01 13:19
L18	20	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relationship\$1)	USPAT	OR	ON	2007/05/01 13:22

## EAST Search History

L19	122	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4)	USPAT	OR	ON	2007/05/01 13:22
L20	18	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4) near5 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L21	1597	"361"/\$.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L22	1070	"361"/\$.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:29
L23	611	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:59
L28	1880	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1)	USPAT	OR	ON	2007/05/01 14:00
L29	487	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:07
L30	11	"361"/728.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:12
L31	3	"361"/728.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:13



## EAST Search History

L19	122	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4)	USPAT	OR	ON	2007/05/01 13:22
L20	18	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4) near5 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L21	1597	"361"/\$.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L22	1070	"361"/\$.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:29
L23	611	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:59
L28	1880	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1)	USPAT	OR	ON	2007/05/01 14:00
L29	487	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:07
L30	11	"361"/728.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:12
L31	3	"361"/728.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:13

## EAST Search History

L32	1504	(led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:14
L33	2909	(led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 14:14
L34	7	(rack\$1 or chassis or shelf) same (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:17
L35	78	(rack\$1 or chassis or shelf) and (led\$1 or diode\$1 or light\$1 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1) not 34	USPAT	OR	ON	2007/05/01 14:18

## EAST Search History

L19	122	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4)	USPAT	OR	ON	2007/05/01 13:22
L20	18	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4) near5 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L21	1597	"361"/\$.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L22	1070	"361"/\$.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:29
L23	611	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:59
L28	1880	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1)	USPAT	OR	ON	2007/05/01 14:00
L29	487	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1). near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:07
L30	11	"361"/728.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:12
L31	3	"361"/728.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:13

## EAST Search History

L32	1504	(led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:14
L33	2909	(led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 14:14
L34	7	(rack\$1 or chassis or shelf) same (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:17
L35	78	(rack\$1 or chassis or shelf) and (led\$1 or diode\$1 or light\$1 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (interconnect\$4 or inter-connect\$4) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1) not 34	USPAT	OR	ON	2007/05/01 14:19
L36	71	(32 33 35) and (439/488-491.ccls. or 361/600-733.ccls. or 361/778-803.ccls.)	US-PGPUB; USPAT	OR	ON	2007/05/01 14:20

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	lee near3 benjamin.xa,xp. and connect\$4 same indicat\$4.ti,ab. and switch\$4	USPAT	OR	OFF	2007/05/01 12:15
L2	189	lee near3 benjamin.xa,xp. and led	USPAT	OR	OFF	2007/05/01 12:16
L3	4	lee near3 benjamin.xa,xp. and led and 340/815.45.ccls.	USPAT	OR	OFF	2007/05/01 12:16
L4	0	lee near3 benjamin.xa,xp. and 340/815.45.ccls. not 3	USPAT	OR	OFF	2007/05/01 12:16
L5	244	lee near3 benjamin.xa,xp. and (connect\$4 or switch\$4).ab.	USPAT	OR	OFF	2007/05/01 12:17
L6	70	5 and diode\$1	USPAT	OR	OFF	2007/05/01 12:17
L7	46	5 and light\$5 near5 diode\$1	USPAT	OR	OFF	2007/05/01 12:18
L8	198	5 not 7	USPAT	OR	OFF	2007/05/01 12:18
L9	11	("5483229").URPN.	USPAT	OR	OFF	2007/05/01 13:00
L10	0	"6850415".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$)	USPAT	OR	OFF	2007/05/01 13:01
L11	6	("4401351"   "4511950"   "4679121"   "4872212"   "5103378"   "5253140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:00
L12	1	"5253140".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$ or display\$4)	USPAT	OR	OFF	2007/05/01 13:06
L13	7	("3992654"   "4070081"   "4151580"   "4197572"   "4692842"   "4920453"   "5043847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:05
L14	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4)	USPAT	OR	OFF	2007/05/01 13:15
L15	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L16	739	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L17	225	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1)	USPAT	OR	ON	2007/05/01 13:19
L18	20	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relationship\$1)	USPAT	OR	ON	2007/05/01 13:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	lee near3 benjamin.xa,xp. and connect\$4 same indicat\$4.ti,ab. and switch\$4	USPAT	OR	OFF	2007/05/01 12:15
L2	189	lee near3 benjamin.xa,xp. and led	USPAT	OR	OFF	2007/05/01 12:16
L3	4	lee near3 benjamin.xa,xp. and led and 340/815.45.ccls.	USPAT	OR	OFF	2007/05/01 12:16
L4	0	lee near3 benjamin.xa,xp. and 340/815.45.ccls. not 3	USPAT	OR	OFF	2007/05/01 12:16
L5	244	lee near3 benjamin.xa,xp. and (connect\$4 or switch\$4).ab.	USPAT	OR	OFF	2007/05/01 12:17
L6	70	5 and diode\$1	USPAT	OR	OFF	2007/05/01 12:17
L7	46	5 and light\$5 near5 diode\$1	USPAT	OR	OFF	2007/05/01 12:18
L8	198	5 not 7	USPAT	OR	OFF	2007/05/01 12:18
L9	11	("5483229").URPN.	USPAT	OR	OFF	2007/05/01 13:00
L10	0	"6850415".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$)	USPAT	OR	OFF	2007/05/01 13:01
L11	6	("4401351"   "4511950"   "4679121"   "4872212"   "5103378"   "5253140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:00
L12	1	"5253140".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$ or display\$4)	USPAT	OR	OFF	2007/05/01 13:06
L13	7	("3992654"   "4070081"   "4151580"   "4197572"   "4692842"   "4920453"   "5043847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:05
L14	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4)	USPAT	OR	OFF	2007/05/01 13:15
L15	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L16	739	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L17	225	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1)	USPAT	OR	ON	2007/05/01 13:19
L18	20	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relationship\$1)	USPAT	OR	ON	2007/05/01 13:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	lee near3 benjamin.xa,xp. and connect\$4 same indicat\$4.ti,ab. and switch\$4	USPAT	OR	OFF	2007/05/01 12:15
L2	189	lee near3 benjamin.xa,xp. and led	USPAT	OR	OFF	2007/05/01 12:16
L3	4	lee near3 benjamin.xa,xp. and led and 340/815.45.ccls.	USPAT	OR	OFF	2007/05/01 12:16
L4	0	lee near3 benjamin.xa,xp. and 340/815.45.ccls. not 3	USPAT	OR	OFF	2007/05/01 12:16
L5	244	lee near3 benjamin.xa,xp. and (connect\$4 or switch\$4).ab.	USPAT	OR	OFF	2007/05/01 12:17
L6	70	5 and diode\$1	USPAT	OR	OFF	2007/05/01 12:17
L7	46	5 and light\$5 near5 diode\$1	USPAT	OR	OFF	2007/05/01 12:18
L8	198	5 not 7	USPAT	OR	OFF	2007/05/01 12:18
L9	11	("5483229").URPN.	USPAT	OR	OFF	2007/05/01 13:00
L10	0	"6850415".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$)	USPAT	OR	OFF	2007/05/01 13:01
L11	6	("4401351"   "4511950"   "4679121"   "4872212"   "5103378"   "5253140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:00
L12	1	"5253140".pn. and (indicat\$4 or led\$1 or diode\$1 or light\$ or display\$4)	USPAT	OR	OFF	2007/05/01 13:06
L13	7	("3992654"   "4070081"   "4151580"   "4197572"   "4692842"   "4920453"   "5043847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:05
L14	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4)	USPAT	OR	OFF	2007/05/01 13:15
L15	5	13 and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L16	739	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1 or connect\$4)	USPAT	OR	ON	2007/05/01 13:19
L17	225	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relat\$3 or relationship\$1)	USPAT	OR	ON	2007/05/01 13:19
L18	20	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (relationship\$1)	USPAT	OR	ON	2007/05/01 13:22

## EAST Search History

L19	122	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4)	USPAT	OR	ON	2007/05/01 13:22
L20	18	361/686,760,733.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (associat\$4) near5 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L21	1597	"361"/\$.ccls. and (indicat\$4 or led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:28
L22	1070	"361"/\$.ccls. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:29
L23	611	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4) near10 (indicat\$4) near8 connect\$4	USPAT	OR	ON	2007/05/01 13:59
L28	1880	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1)	USPAT	OR	ON	2007/05/01 14:00
L29	487	"361"/\$.ccor. and (led\$1 or diode\$1 or light\$1 or display\$4 or indicator\$1) near10 (indicat\$4 or display\$4 or show\$1 or showing) near8 (connected or connection\$1) near18 (module\$1 or device\$1 or apparatus\$1 or component\$1)	USPAT	OR	ON	2007/05/01 14:00